



B.5818 - Patentlaan 2
2280 HV Rijswijk (ZH)
+31 70 340 2040
TX 31651 epo nl
FAX +31 70 340 3016

Europäisches
Patentamt

Zweigstelle
in Den Haag
Recherchen-
abteilung

European
Patent Office

Branch at
The Hague
Search
division

Office européen
des brevets

Département à
La Haye
Division de la
recherche

Grünecker, Kinkeldey,
Stockmair & Schwanhäusser
Anwaltssozietät
Maximilianstrasse 58
80538 München
ALLEMAGNE

GRÜNECKER, KINKELDEY, STOCKMAIR
& SCHWANHÄUSSER
ANWALTSSOZIENTÄT

26. Jan. 2004

FRIST
TERM

EINGANG - RECEIVED

Datum/Date

26.01.04

Zeichen/Ref./Réf.

EP28409-031/Peu ✓

Anmeldung Nr./Application No./Demande n°./Patent Nr./Patent No./Brevet n°.

03020611.4-2402- ✓

Anmelder/Applicant/Demandeur/Patentinhaber/Propriétaire/Titulaire

SAMSUNG ELECTRONICS CO., LTD. ✓

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☐ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 1

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
① X ✓	WO 99 10530 A (CLARKSON JOHN MICHAEL ; COBB BENJAMIN DAVID (GB); MOLECULAR SENSORS) 4 March 1999 (1999-03-04) * page 9 - page 12; figure 7 *	1-6	C12Q1/68 G01N27/02 //B01L3/00
② X ✓	WO 01 81619 A (ARNETH ALFONS ; ARNETH BORROS (DE)) 1 November 2001 (2001-11-01) * the whole document *	1-6	
③ X ✓	WO 01 59154 A (COBB BENJAMIN DAVID ; MOLECULAR SENSING PLC (GB)) 16 August 2001 (2001-08-16) * the whole document *	1-6	
④ D, A ✓	US 2002/072054 A1 (BELGRADER PHILLIP ET AL) 13 June 2002 (2002-06-13) * the whole document *	1-6	
⑤ A ✓	WO 01 42508 A (GASKIN MIKE ; CHOONG VI EN (US); GALLAGHER SEAN (US); LI CHANGMING) 14 June 2001 (2001-06-14) * the whole document *	1-6	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7) C12Q G01N B01L
Place of search THE HAGUE		Date of completion of the search 13 January 2004	Examiner Osborne, H
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 02 0611

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

13-01-2004

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 9910530	A	04-03-1999	CA	2300868 A1	04-03-1999
			CN	1267336 T	20-09-2000
			EP	0990050 A1	05-04-2000
			WO	9910530 A1	04-03-1999
			JP	2001514376 T	11-09-2001
WO 0181619	A	01-11-2001	DE	20007378 U1	10-08-2000
			DE	20007376 U1	24-08-2000
			DE	20013567 U1	04-01-2001
			DE	20018005 U1	22-02-2001
			AU	5611501 A	07-11-2001
			WO	0181619 A2	01-11-2001
WO 0159154	A	16-08-2001	AU	3201901 A	20-08-2001
			WO	0159154 A2	16-08-2001
US 2002072054	A1	13-06-2002	NONE		
WO 0142508	A	14-06-2001	US	2002051975 A1	02-05-2002
			US	2002064775 A1	30-05-2002
			AU	2907201 A	18-06-2001
			CA	2393733 A1	14-06-2001
			EP	1238114 A2	11-09-2002
			JP	2003516165 T	13-05-2003
			WO	0142508 A2	14-06-2001
			US	2003096283 A1	22-05-2003